

# Answer Key

---

## Practice C

1.  $2\sqrt{173} \approx 26.31$ ;  $(-8, -1)$
2.  $\sqrt{61.61} \approx 7.85$ ;  $(0.75, 1)$
3.  $\sqrt{109.8} \approx 10.48$ ;  $(3.9, 1.9)$
4.  $\sqrt{\frac{493}{9}} \approx 7.40$ ;  $(\frac{17}{6}, 1)$
5.  $\sqrt{\frac{1813}{64}} \approx 5.32$ ;  $(\frac{1}{16}, \frac{19}{8})$
6.  $\sqrt{\frac{13,549}{3600}} \approx 1.94$ ;  $(-\frac{1}{12}, -\frac{1}{40})$
7. isosceles    8. scalene    9. isosceles
10.  $y = -\frac{4}{5}x + \frac{37}{10}$     11.  $y = \frac{9}{2}$     12.  $x = 3$
13.  $-8.8, 1.2$     14.  $2, 8$     15. about 169 miles
16. about 3.1 hours    17.  $(21, 31.5)$
18. 12:03 P.M.